

Comparisons of Job Characteristics

Focus Occupation: [Insulation Workers, Mechanical \(47-2132\)](#)

Associated Occupation: [Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters \(47-3015\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

| | |
|----|--|
| << | Focus occupation element is much lower |
| < | Focus occupation element is lower |
| 0 | Focus occupation element is at a similar level |
| > | Focus occupation element is at a higher level |
| >> | Focus occupation element is at a much higher level |

Knowledge

Similarity of Focus Occupation to Associated Occupation: 92

Focus Occupation: Insulation Workers, Mechanical (47-2132)

Associated Occupation: Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters (47-3015)

| Associated Occupation's Key Knowledge Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|--|---------------------------------|--------------------------------|---------------------------|--------------------------------|---|
| Building and Construction | 4.0 | 14.3 | 11.4 | < | Expanded education and/or training may be required |
| Mechanical | 6.8 | 12.8 | 10.3 | < | Expanded education and/or training may be required |
| Public Safety and Security | 6.9 | 11.5 | 8.9 | << | Extensive education and/or training may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 43

Focus Occupation: Insulation Workers, Mechanical (47-2132)

Associated Occupation: Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters (47-3015)

| Associated Occupation's Key Skills Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | Evaluation of Focus Occupation | |
|---|---------------------------------|--------------------------------|---------------------------|--------------------------------|--|
| Repairing | 3.4 | 7.7 | 1.6 | << | Extensive development of skills in this area may be required |
| Equipment Selection | 3.3 | 5.2 | 2.1 | << | Extensive development of skills in this area may be required |
| Installation | 1.7 | 5.0 | 2.5 | << | Extensive development of skills in this area may be required |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Insulation Workers, Mechanical (47-2132)

Associated Occupation: Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters (47-3015)

| Associated Occupation's Key Abilities Elements | Average Rating, All Occupations | Associated Occupation's Rating | Focus Occupation's Rating | | Evaluation of Focus Occupation |
|--|---------------------------------|--------------------------------|---------------------------|----|--|
| Extent Flexibility | 4.8 | 11.0 | 10.0 | < | Some improvement in abilities may be required |
| Manual Dexterity | 6.5 | 9.6 | 9.5 | 0 | Current ability level may be sufficient |
| Trunk Strength | 5.7 | 9.0 | 9.1 | 0 | Current ability level may be sufficient |
| Static Strength | 5.0 | 8.6 | 8.8 | 0 | Current ability level may be sufficient |
| Gross Body Equilibrium | 3.2 | 6.1 | 9.5 | >> | Current ability level is likely more than sufficient |
| Dynamic Strength | 3.5 | 5.6 | 5.4 | 0 | Current ability level may be sufficient |

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 82

Focus Occupation: Insulation Workers, Mechanical (47-2132)

Associated Occupation: Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters (47-3015)

| Work Activities | Exclusivity of Activity |
|--|-------------------------|
| Adhere to safety procedures | 12 |
| Apply adhesives, caulking, sealants, or coatings | 45 |
| Build or repair structures in construction, repair, or manufacturing setting | 54 |
| Cut, shape, fit, or join wood or other construction materials | 58 |
| Fabricate, assemble, or disassemble manufactured products by hand | 11 |
| Measure and mark reference points or cutting lines on workpieces | 66 |
| Move or fit heavy objects | 8 |
| Use hand or power tools | 2 |
| Use measuring devices in construction or extraction work | 41 |

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 76

Focus Occupation: Insulation Workers, Mechanical (47-2132)

Associated Occupation: Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters (47-3015)

| Tools and Technologies | Exclusivity |
|------------------------|-------------|
| Compressors | 9 |

| | |
|---|----|
| Cutting and crimping and punching tools | 3 |
| Dispensing tools | 6 |
| Fastener setting tools | 12 |
| Holding and clamping tools | 3 |
| Ladders and scaffolding | 6 |
| Length and thickness and distance measuring instruments | 2 |
| Marking tools | 11 |
| Measuring and layout tools | 3 |
| Power tools | 2 |
| Tool attachments and accessories | 12 |
| Wrenches and drivers | 2 |

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.